# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 02 Dec 2020 until 23:59 on Thursday 03 Dec 2020

Forecast Issued on Wednesday 02 Dec 2020 at 04:54

**Confidence:** High for a change to generally colder and unsettled conditions but low for details, especially with regard to rain/snow mix and wind details with low pressure becoming centred over the UK.

**Headline for Wednesday 02 Dec 2020:** Cloudy start with outbreaks of rain then brighter but colder with wintry showers

**Mountain weather hazards on Wednesday 02 Dec 2020**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy Snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>Low Likelihood | **Poor visibility**<br>Medium Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Fog | Light rain | Sunny intervals | Sunny intervals | Sleet showers (night) | Heavy snow showers (night) |
| Precipitation probability | | | | | |
| 60% | 60% | 10% | 30% | 60% | 70% |

**Forecast for Wednesday 02 Dec 2020**

**Weather:** A cloudy start to the day with outbreaks of rain with brighter conditions spreading southeast through the second half of the morning. The afternoon sees sunny spells and occasional mainly light wintry showers into the evening, these falling increasingly as snow above about 450m. During the evening the showers may become heavy at times.

**Chance of cloud free mountain/hill tops above 600m:** Little chance at first, with periods or persistent cloud above 450m and patches below, becoming around 60% by midday with occasional above 600m.

**Visibility:** Good falling to several kilometres in rain and drizzle, becoming very good or excellent by late morning but falling to a kilometre at times in snow showers and perhaps a few hundred metres in any heavier evening showers.

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# Mountain Weather Forecast

**Forecast for Wednesday 02 Dec 2020**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 14/20 SW | 14/19 SW | 14/18 W | 15/22 W | 17/25 W | 17/26 SW | 19/28 SW |
| **300** | 4/14 SW | 6/16 SW | 9/18 W | 8/19 W | 8/22 W | 11/23 W | 12/26 SW |
| **Valley** | 3/12 SW | 8/18 W | 6/14 W | 6/18 W | 6/19 W | 6/18 SW | 11/26 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 5/0 | 5/1 | 3/-2 | 2/-4 | 1/-5 | 0/-6 | 0/-6 |
| **300** | 6/4 | 6/4 | 6/3 | 4/1 | 3/-1 | 2/-2 | 2/-2 |
| **Valley** | 7/6 | 7/5 | 7/5 | 6/4 | 4/2 | 4/1 | 4/-0 |
| **Freezing Level*** | 1700m | 1400m | 900m | 700m | 600m | 600m | 600m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Note increasingly cold temperatures and chill effect through the day.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 03:00 on Wed 02 Dec 2020 | 0mm | 7mm | 7.2mm |

**Forecast for Thursday 03 Dec 2020**

**Weather:** Occasional snow showers, perhaps heavy at times, continue through the early hours with a few clear spells. Then a bright morning with further snow showers, the showers perhaps, especially across the south, merging to give a longer spell snow, with rain or sleet below about 300m, for a time in the afternoon.

**Maximum wind:** Southwesterly 20-25mph, gusts around 40mph over ridges and summits, overnight gradually become more easterly and ease through the day.

**Chance of cloud free mountain/hill tops above 600m:** Around 60% at first and again later with occasional cloud above 600m, but falling to near zero in any more persistent precipitation with cloud becoming periods above 600m and patches below.

**Visibility:** Very good or excellent falling to one or two kilometres in snow and perhaps a few hundred metres in any heavier snow.

**Temperature:** **Valleys:** Plus 1 or 2 Celsius at dawn rising to plus 3 or 4 Celsius by day.
**At 600m:** Zero Celsius falling to minus 2 Celsius
**Freezing level:** 600m falling to 450m

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